

Title (en)  
MOTION CONTROL APPARATUS

Title (de)  
BEWEGUNGSSTEUERUNGSVORRICHTUNG

Title (fr)  
APPAREIL DE CONTRÔLE DE MOUVEMENT

Publication  
**EP 3156696 B1 20191030 (EN)**

Application  
**EP 16192263 A 20120106**

Priority  
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• US 2012020439 W 20120106

Abstract (en)  
[origin: WO2012094570A1] Motion control apparatus (A) includes a direct coupled torque motor (54) slideably receiving an output (50) without other types of torque transmission devices between the output (50) and the motor (54) and between the output (50) and a pinion (7) in direct gearing engagement with an annular gear (44) connected to a second race (32) of a bearing (26) intermediate an annular mounting plate (38) and a dial plate (40). The second race (32) is a single, non-separable piece having L-shaped, radial cross sections to define a mounting pilot for the annular gear (44). The motor (54) is secured to a mount plate (58) having an integral annular spacer (60) extending through a mounting tab (16) and secured to a mount ring (62) adjustably connected to the mounting tab (16) opposite to the mount plate (58).

IPC 8 full level  
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CPC (source: EP KR US)  
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